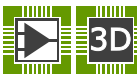



# PIC24HJ64GP502-I/SO

Manufacturer Part Number	<b>PIC24HJ64GP502-I/SO</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-PIC24HJ64GP502-I/SO
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 16BIT 64KB FLASH 28SOIC
Package	28-SOIC (0.295", 7.50mm Width)
Data sheet	<a href="#">16-bit Embedded Control Solutions.pdf</a> <a href="#">16-bit Embedded Control Solutions.pdf</a> <a href="#">DSPIC33F, PIC24H Flash Programming Specification.pdf</a> <a href="#">PIC24HJ(32,64,128)GPzzz Datasheet.pdf</a>
RoHs Status	 ROHS3 Compliant


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PIC24HJ64GP502-I/SO - Microchip Technology.New Original in Stock. Download Linear Technology PIC24HJ64GP502-I/SO datasheet/specifications on AllelcoElec.com.  
 Request a quote for PIC24HJ64GP502-I/SO, please send us email: [info@allelco.com](mailto:info@allelco.com)


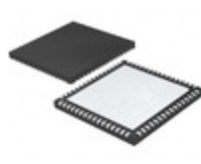
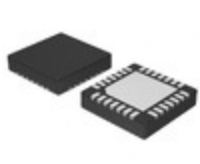
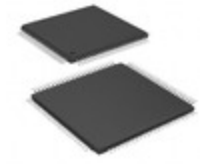
## Specifications

PIC24HJ64GP502-I/SO Tech Specifications  
 PIC24HJ64GP502-I/SO - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	28-SOIC	Number of I/O	21
Speed	40 MIPS	Mounting Type	Surface Mount
Series	PIC® 24H	EEPROM Size	-
RAM Size	8K x 8	Data Converters	A/D 10x10b/12b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	64KB (22K x 24)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Connectivity	CANbus, I <sup>2</sup> C, IrDA, LINbus, PMP, SPI, UART/USART
Package / Case	28-SOIC (0.295", 7.50mm Width)	Base Product Number	PIC24HJ64
Package	Tube		

## Parts with Similar Specifications




The three parts on the right have similar specifications to Microchip Technology PIC24HJ64GP502-I/SO

Product Attribute				
Part Number	PIC24HJ64GP502-I/SO	PIC24HJ64GP206A-I/MR	PIC24HJ64GP502T-I/MM	PIC24HJ64GP210-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Series	PIC® 24H	PIC® 24H	PIC® 24H	PIC® 24H
Program Memory Size	64KB (22K x 24)	64KB (22K x 24)	64KB (22K x 24)	64KB (22K x 24)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Data Converters	A/D 10x10b/12b	A/D 18x10b/12b	A/D 10x10b/12b	A/D 32x10b/12b
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package	Tube	Tube	Tape & Reel (TR)	Tray
Connectivity	CANbus, I <sup>2</sup> C, IrDA, LINbus, PMP, SPI, UART/USART	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART	CANbus, I <sup>2</sup> C, IrDA, LINbus, PMP, SPI, UART/USART	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART
Core Processor	PIC	PIC	PIC	PIC
EEPROM Size	-	-	-	-
Supplier Device Package	28-SOIC	64-VQFN (9x9)	28-QFN-S (6x6)	100-TQFP (12x12)
Number of I/O	21	53	21	85
Base Product Number	PIC24HJ64	PIC24HJ64	PIC24HJ64	PIC24HJ64GP210
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Package / Case	28-SOIC (0.295", 7.50mm Width)	64-VFQFN Exposed Pad	28-VQFN Exposed Pad	100-TQFP
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Speed	40 MIPS	40 MIPS	40 MIPS	40 MIPS
Oscillator Type	Internal	Internal	Internal	Internal
RAM Size	8K x 8	8K x 8	8K x 8	8K x 8
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

## PIC24HJ64GP502-I/SO Datasheet PDF

Download PIC24HJ64GP502-I/SO pdf datasheets and Microchip Technology documentation for PIC24HJ64GP502-I/SO - Microchip Technology.

### Datasheets

-  [16-bit Embedded Control Solutions.pdf](#)
-  [DSPIC33F, PIC24H Flash Programming Specification.pdf](#)
-  [PIC24HJ\(32,64,128\)GPzzz Datasheet.pdf](#)

## PCN Packaging



Label and Packing Changes 23/Sep/2015.pdf



Packing Changes 10/Oct/2016.pdf

## HTML Datasheet



16-bit Embedded Control Solutions.pdf

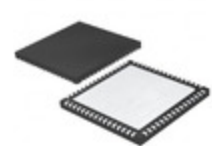
## PCN Assembly/Origin



SOIC-28L Revision 06/Feb/2014.pdf

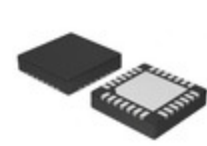
## Customers Also Interested in

### Recommended Products



**PIC24HJ64GP206A-I/MR**

Microchip Technology  
IC MCU 16BIT 64KB FLASH 64VQFN



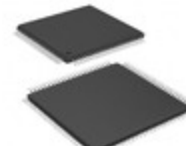
**PIC24HJ64GP502T-I/MM**

Microchip Technology  
IC MCU 16BIT 64KB FLASH 28QFN



**PIC24HJ64GP210-I/PT**

Microchip Technology  
IC MCU 16BIT 64KB FLASH 100TQFP



**PIC24HJ64GP510-I/PT**

Microchip Technology  
IC MCU 16BIT 64KB FLASH 100TQFP



**PIC24HJ64GP510-I/PF**

Microchip Technology  
IC MCU 16BIT 64KB FLASH 100TQFP



**PIC24HJ64GP506-I/PT**

Microchip Technology  
IC MCU 16BIT 64KB FLASH 64TQFP



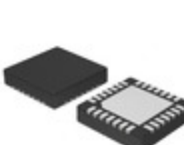
**PIC24HJ64GP206A-I/PT**

Microchip Technology  
IC MCU 16BIT 64KB FLASH 64TQFP



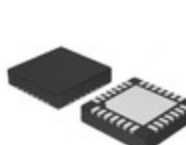
**PIC24HJ64GP210A-I/PF**

Microchip Technology  
IC MCU 16BIT 64KB FLASH 100TQFP



**PIC24HJ64GP502-I/MM**

Microchip Technology  
IC MCU 16BIT 64KB FLASH 28QFN



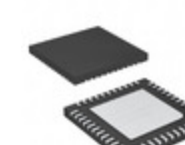
**PIC24HJ64GP502-H/MM**

Microchip Technology  
IC MCU 16BIT 64KB FLASH 28QFN



**PIC24HJ64GP210A-I/PT**

Microchip Technology  
IC MCU 16BIT 64KB FLASH 100TQFP



**PIC24HJ64GP504-I/ML**

Microchip Technology  
IC MCU 16BIT 64KB FLASH 44TQFP



**PIC24HJ64GP206A-E/PT**

Microchip Technology  
IC MCU 16BIT 64KB FLASH 64TQFP



**PIC24HJ64GP210-I/PF**

Microchip Technology  
IC MCU 16BIT 64KB FLASH 100TQFP



**PIC24HJ64GP504-I/PT**

Microchip Technology  
IC MCU 16BIT 64KB FLASH 44TQFP



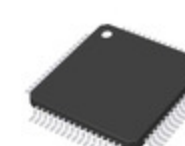
**PIC24HJ64GP506A-I/PT**

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IC MCU 16BIT 64KB FLASH 64TQFP



**PIC24HJ64GP504-E/PT**

Microchip Technology  
IC MCU 16BIT 64KB FLASH 44TQFP



**PIC24HJ64GP506-E/PT**

Microchip Technology  
IC MCU 16BIT 64KB FLASH 64TQFP

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

### Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

## Payment Support

The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



## Your Faithful Supply Chain Partner -



Efficient Supply  
Management



Cost-Saving  
Procurement



Fast Sourcing &  
Delivery

Contact us if you have any questions.



Phone  
+00852 9146 4856



Email  
info@allelco.com

## Certifications & Memberships



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